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No. 7]

NEW DELHI, SATURDAY, FEBRUARY 13, 1971 (MAGHA 24, 1892)

इस भाग में भिन्न पृष्ठ संख्या वाली जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate pagings are given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंट्स और डिजाइन्स से सम्बन्धित अधिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 13th February 1971

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

25th January 1971

- 130039. Council of Scientific and Industrial Research. Improvement in or relating to gyrating mechanism of gyrotfans.
- 130040. Council of Scientific and Industrial Research. Improvement in or relating to high ratio epicyclic gear mechanism.
- 130041. Smith Kline & French Laboratories. α -aminoalkyl-4-hydroxy-3-uridobenzyl alcohols.
- 130042. Girling Limited. Improvements in or relating to mechanical couplings. (30th January 1970).
- 130043. Melle-Benzons S. A. Process for the continuous production of β -methoxy aldehydes.
- 130044. John Wyeth & Brother Limited. Hexahydroazepines. (6th February 1970). [Addition to No. 122652].
- 130045. Sandoz Ltd. Process for the production of sparingly soluble azo compounds.
- 130046. Sandoz Ltd. A disazo dye, its production and use.
- 130047. Sandoz Ltd. Disazo dyes, their production and use.
- 130048. Montecatini Edison S.p.A. Autothermic process for the production of aluminum trifluoride.
- 130049. Rca Corporation. Wide band balun.
- 130050. Sumito Chemical Company, Limited. Carbamic acid esters.

457GI/70

- 130051. The Tata Iron & Steel Company Limited. An improved method of and means for repairing cracked or broken metal components.
- 130052. D. K. Saini. Acidic and alkaline gases detector.
- 130053. Usha Jain. An automatic cooker.
- 130054. P. L. Chakradeo. A device for viewing combination of colours as an aid for block markers, and colour printers.
- 130055. P. L. Chakradeo. Contactors, relays and switches in vacuum chambers.
- 130056. A. B. J. G. Prasad. Roller and box type push-out stay for screen windows.
- 130057. Jude General Engineering Works. Tool maker's bench vice.
- 130058. K. Ramaswamy. Neo kool.
- 130059. G. N. P. Reddy. Improving in or related to bottom cutting roller for cigarette packet slides with N.E.S.
- 130060. Council of Scientific and Industrial Research. A new formulation of pickling inhibitors for steel in acid solutions.

130061. Y. K. Rao. Typewriter types (type fonts).

130062. H. C. Ramanna. Improvements in or relating to the manufacture of containers.

130063. K. Balachandran. Improvements in or relating to electric torchlights.

130064. Dr. K. Periasamy. A device to harness the energy of coastal waves of the sea.

27th January 1971

130065. U. S. Patil. Making pencils from jawar stalk.

130066. J. C. Kattakayam. A process for utilisation of cashew-nut shell liquid sludges,

130067. Pfizer Inc. 2-(substituted)-5, 6-dihydro-4H-1, 3-thiazines and 2-thiazolines for the control of rice blast.

130068. Pfizer Corporation. Process for preparing substituted tetrahydroquinolines. (29th January 1970).
[Addition to No. 116154]

130069. Siemens Aktiengesellschaft. Improvements in or relating to apparatus for diffusing doping substances into semiconductor material. (2nd September 1970).

130070. Siemens Aktiengesellschaft. Improvements in or relating to the manufacture of hollow bodies of semiconductor material. (1st October 1970).

130071. Siemens Aktiengesellschaft. Improvements in or relating to the production of hollow bodies of semiconductor material. (4th November 1970).

130072. The Lubrizol Corporation. High molecular weight maleic and fumaric acid esters and lubricants and fuels containing the same.

130073. Laszlo Josef Kiss. Positive drive constant gear mesh. [Divisional date 30th December 1969].

130074. C. C. A. Abraham. Anti-puncture tyre insert.

130075. B.P.B. Industries Limited. Agricultural seeding. (27th January 1970). [Addition to No. 122684].

130076. Nippon Kakan Kabushiki Kaisha. A method of drying treatment for coals.

130077. Merck & Co., Inc. Preparation of substituted benzylamines.

130078. Merck & Co., Inc. Preparation of substituted benzylamines.

130079. Merck & Co., Inc. Preparation of substituted benzylamines.

130080. Z. N. Munshi. Relating to the manufacture of adjustable folding hanger for garments.

130081. P. M. Joshi, *Insta-air*.

130082. G. S. Taskar. Improved blast volume meter for cupola.

28th January 1971

130083. Wendell E. Dunn Inc. Recovery of titanium dioxide from ores thereof.

130084. Imperial Chemical Industries Limited. Process for the production of moulds. [Addition to No. 124481]. [Divisional date 17th December 1969].

130085. Girling Limited. Improvements in or relating to mechanical couplings. (30th January 1970).

130086. Universal Oil Products Company. Improvements in and relating to seats. (30th January 1970).

130087. Shell Internationale Research Maatschappij N. V. Improvements on and relating to the polymerisation of olefins. (30th January 1970).

130088. Solvay et Cie. Process for the preparation of a ziegler-natta type catalyst.

130089. Uss Engineers and Consultants. Inc. Slag skimmer for runner system.

130090. Westinghouse Electric Corporation. General illumination fluorescent lamp which accents the colour of green objects.

130091. Kremenchugsky Avtomobilny Zavod. A device for controlling the diesel engine of vehicles provided with a motor brake.

130092. Edward Howard Green. Aerosol valve construction.

130093. L. Danieli. A cooling system for machine tools and particularly for hydraulic shears.

130094. L. Danieli. A diffuser device for introducing a protective gas into continuous casting ingot moulds.

130095. Ube Industries, Ltd. Apparatus and process for removing impurities from solid granules.

130096. Cabot Corporation. Improvements in or relating to atomization and/or vaporization of liquids.

130097. Profile Identification (Proprietary) Limited. Indexing of plane surfaces.

29th January 1971

130098. Karuna Nidhan Chatterjee and Ila Chatterjee. A drilling mud (named by us as "Revert").

130099. American Flange & Manufacturing Co. Inc. Infant feeding package.

130100. Dunlop Holdings Limited. Printers blankets.

130101. Pfizer Inc. (2-imidazolin-2-ylamino) substituted benzo (b) thiophenes. (17th July, 1970).

130102. Uss Engineers and Consultants, Inc. Apparatus for automatically supplying oil to a hot strip mill.

130103. Agripet S. A. New 1, 3-benzodioxazole-2-thiones and a process for their production.

130104. Karuna Nidhan Chatterjee and Ila Chatterjee. An improved sealing and/or jointing compound (Leadite).

130105. Ciba-Geigy AG. New Diglycidyl derivatives of n-heterocyclic compounds, processes or their manufacture and use. [Addition to No. 123915].

130106. Ciba-Geigy AG. New disazo pigments and processes for their manufacture.

130107. S. Suzuki. Gear shift means for speed variation.

130108. K. Hayashibara. Processes for the production of nitrogen containing amylose derivatives.

130109. Nippon Kokan Kabushiki Kajsha. A continuous annealing facilities for drawing steel strip.

130110. Metallgesellschaft A. G. Process of gasifying heavy hydrocarbons.

130111. Gosudarstvenny Nauchno-Issledovatelsky Energetichesky Institut Imeni G. M. Krzhizhanovskogo and Nauchno-Issledovatelsky Institut Pri Zavode "Elektrotyazhmas". Induction transducer of the excitation current of a synchronous generator.

130112. G. V. Pendse (D.W.T.). Automatic cop-chaning attachment for an ordinary over-picking power loom. [Addition to No. 105780 & 116275].

Alteration of Date

128804. Ante-dated to 15th July 1969 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

99336. J. Nejedly. A splinter and bullet resistant protective helmet manufactured from polyester resin reinforced with fibre glass. Accepted on 27th January 1971.

Comprising laminated layers of woven glass fibres of selected gauges, bonded under pressure by polyester resin to which an accelerating agent such as cobalt naphthenate and a catalyst have been added.

120701. Union Carbide Corporation. Improvement in or relating to heat exchangers. Accepted on 2nd January 1971.

Comprising providing on at least part of the surface of said first passageway in contact with said liquid a porous boiling surface characterized in that for colder liquids having a Kelvin parameter $2CO'TS/\lambda PV$ of between 1 and 18 $mils \times O'F(0.001411 \text{ and } 0.0254 \text{ cm} \times oK)$ where O' =surface tension, lbs. force/ft (dynes/cm), T_s =saturation temperature of boiling liquid corresponding to the vapor pressure of liquid oR (oK), PV =density of vapor, lbs. mass/ ft^3 (gm/cm^3), λ =latent heat of boiling liquid Btu/lb. ($gm\cdot cal/gm$), C =conversion factor, $15.48 \frac{\text{Btu} \times mil}{ft^2 \times lb. \text{ force}}$ $-8 \frac{\text{gm}\cdot cal}{\text{dyne}\cdot cm}$.

121002. Spray Steelmaking Limited. Improvements in or relating to controlling metal refining processes. (22nd April 1968). Accepted on 20th January 1971.

Comprising continuously computing the rate at which carbon enters the reaction zone as metalloid impurity in the unrefined metal, continuously computing the rate at which carbon leaves the reaction zone as carbon dioxide, and controlling the rate of flow of oxidising gas and/or the rate of flow of unrefined metal to the reaction zone to maintain such a relationship between the computed rates at which carbon enters and leaves the reaction zone that the desired percentage residual carbon content of the refined metal will result.

121011. Chemical Construction Corporation. A process for achieving a controlled composition of off-gases from basic oxygen furnace convertors. Accepted on 21st January 1971.

Method for achieving a controlled composition of off-gas from the air ventilated hood of an oxygen steel converter by passing stream of substantially pure oxygen gas above and into volatil ferruginous metal, produces an off-gas principally containing carbon monoxide which is discharged from the converter into a hood which is disposed above the mouth of the converter.

121083. C. J. Industries (LNL). An improved word-building tile and a word-building panel formed therefrom. Accepted on 27th January 1971.

Having on the front face uniformly spaced holes, sidewalls extended beyond back face to form vertical flanges, and back face provided with cross-ribs.

121087. Fisons Limited. Rodenticidal composition. Accepted on 27th January 1971.

A rodenticidal composition containing an amount effectively toxic to rodents of a substituted benzimidazole in (i) at one material from the group consisting of a solid carrier and/or a wetting agent a solid or liquid foodstuff for the rodents or (ii) in a mixture of said materials.

121140. Sealed Power Corporation. Improvements in and relating to piston assemblies. (5th March 1969). Accepted on 27th January 1971.

A piston having an end surface a ring belt portion with grooves therein and skirt portion, a set of piston ring and carried in said grooves in said ring belt portion and a head land ring received in said groove in said head land portion.

121145. The Mead Corporation. High opacity paper, of process for making same and decorative plastic lami-

nates containing said paper. Accepted on 27th January 1971.

Comprises a colloidal opacifying material added in an amount of at least 0.05 percent of the weight of titanium dioxide and having the particle diameter of 5 to 50 millimicrons and carrying a stable non-zero electrical charge.

121151. Council of Scientific and Industrial Research. Improvement in or relating to electrolytic deposition of gold on kovar. Accepted on 21st January 1971.

Characterized by depositing an intermediate layer of pore free nickel after nickel strike on kovar before the final deposition of gold.

121158. The Power-Gas Corporation Limited. Production of ammonium phosphate and ammonium nitrate fertilisers. (2nd May 1968). Accepted on 28th January 1971.

Comprising reacting phosphate rock with nitric acid, partially separating calcium, neutralising the remaining mixture with ammonia, concentrating the solution, removing any monoammonium phosphate precipitated, a first resultant solution being formed, reacting it with ammonia so as to precipitate triammonium phosphate, separating the triammonium phosphate, a second resultant solution remaining, and recovering ammonium nitrate.

121183. Agripat S. A. Process or the preparation of new pyrido [1, 2-]s-triazine-diones and their use as herbicides. Accepted on 29th January 1971.

Process of preparing pyrido [1, 2-a]-s-triazine-diones which comprises reacting either (a) an aminopyridine with three mol. of an isocyanate or (b) in that a pyridyl-carbanic acid ester with two mol. of an isocyanate or (c) a pyrido [1, 2-a]s-triazine-dione with a strong base or (d) an N-pyridyl urea with chlorides or an ester of the chloroformic acid.

121281. Takeda Chemical Industries, Ltd. Thiadiazole derivatives and fungicidal compositions containing the same. Accepted on 27th January 1971.

Fungicide for controlling plant diseases which comprises, as the active ingredient in an amount of from 0.001 to 80% by weight or by volume, at least a member selected from the group consisting of a 2-amino-1, 3, 4-thiadiazole compound and acid addition salts thereof in admixture with a suitable liquid carrier or with a suitable carrier for making a solid mixture.

121282. Ciba Limited. Phthalocyanine dyestuffs, process for their manufacture and material dyed or printed with the same. Accepted on 25th January 1971.

Comprises condensing amine reaction product of copper phthalocyanine-3, 3', 3'', 3'''-tetra sulphochloride and 1, 3-phenylene-diamine-4-Sulphonic acid, with 2-alkoxy-4, 6-dichloro-1, 3, 6-triazine.

121385. Imperial Chemical Industries Limited. Process for the preparation of aminoguanidine compounds and pesticidal compositions containing the same. (10th June 1968). Accepted on 27th January 1971.

Process for preparing an amino-guanidine compound which comprises (a) reacting an S-methyl isothioureasalt with an amine, or (b) reacting a hydrazine with an appropriately substituted isothiouronium salt.

121544. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunig. Process and apparatus for the dyeing of knit fabrics. Accepted on 27th January 1971.

Comprises feeding the textile material to be padded with a dyestuff solution or a dyestuff dis-

person to the foulard over at least one perforated cylinder the interior of which stands under suction draught.

121573. Texas Instruments Incorporated. Apparatus for modifying each of the deflection signals coupled to a cathode-ray tube to produce a linear display. Accepted on 21st January 1971.
Comprising current modifying means connected to cathode ray tube and circuit means responsive to a second deflection signal or controlling the current modifying means.

121613. The Atlas Cycle Industries Ltd. Improvements in or relating to nipples for spokes in a cycle rim. Accepted on 25th January 1971.
Comprising in that is made of an alloy in which aluminium 92 to 96 copper 3.5 to 4.5; magnet sum and manganese 0.02% to 107% and 0.04% to 1% respectively is stabilizing elements.

121620. Texaco Development Corporation. Improved hydrocarbon separation process. Accepted on 22nd January 1971.
Introducing hydrocarbon vapour phase mixture in adsorption zone to effect adsorption of straight chainhydrocarbons by molecular sieve selective effluent depressurising adsorption zone, introducing purge stream thereinto, repressurising and introducing desorbing medium to effect removal of absorbed straight chain hydrocarbons and obtaining same as effluent therefrom.

122164. Pullmann Incorporated. Storage vessel for solid granular material. Accepted on 8th January 1971.
Comprising upper chamber with inlet, lower hopper with discharge opening over which having an anti parking device, vibrating means the lower hopper being flexibly mounted to upper chamber.

122336. Joseph Lucas (Industries) Limited. Electrical contacts. (9th August 1968). Accepted on 18th January 1971.
Comprising in maintaining a contact having higher melting point in engagement with a support, an electron beam being traversed and part of support melt to get fixed with contact.

122356. Dr. O. A. Becker. Improvements in and relating to the electroplating of the cut edges of sheet metal panels. (5th June 1969). Accepted on 19th January 1971.
Wherein said panels are placed one on top of the others in a pile, at least one side of which is brought into contact with an electroplating electrolyte, each panel being connected to a direct current source for carrying out the electroplating.

122375. Farbewerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Woven mat. Accepted on 21st January 1971.
In which bags made of netting filled with strips of films or sheets of thermoplastic material are inserted between strips of fabric which may be connected with one another.

122380. Standard Spray and Chemical Company. Composition comprising calcium-containing compound. Accepted on 21st January 1971.
Comprising calcium compound having a particle size of less than about 20 microns in admixture with lignin sulfonate or glycol ether.

122407. Indian Oxygen Limited. Wire-feeding apparatus. (24th July 1968). Accepted on 25th January 1971.
Comprising plurality of spaced-part feed rolls connected in series by length of conduits the rolls being driven in unison.

122408. Agripat S. A. Process for the production of new basically substituted 1-cyano-o-carbamoyl-formoximes and pesticidal compositions containing the same. Accepted on 25th January 1971.
Reacting 1-cyano-formoxine with an isocyanate and mixing the product with diluent or carrier.

122433. S. P. Kanhere. Improvement in or relating to bonded rubber tyre wheels. Accepted on 25th January 1971.
Characterized in that the rim or sole is provided with internally projecting flange like appendage and the said moulded rubber wheel with a metal sole below is mounted on a central skeletal wheel, whereby the rubber wheel with a sole as metal rim forms a replaceable unit.

122436. S. P. Kanhere. Improvements in or relating to solid hollow tyre wheels for trolleys and the like. Accepted on 25th January 1971.
Comprising two independent units, the central skeletal wheel consisting of a cast iron or cast non-metallic two discs over which second component a wheel is centrally mounted, the tyre wheel is mounted or bonded over a hollow core and this tyre wheel is secured on to a circular shoe or sole.

122456. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Sterile container for medical equipment. Accepted on 20th January 1971.
Comprising a block having bore-holes in a single rank or in several ranks and an off-take lid which seals the bore holes.

122521. Phillips Petroleum Company. Water-quenched fibres and the preparation thereof. Accepted on 28th January 1971.
Extruding melt spinnable thermoplastic polymer through spinneret die having at least 25 spinning orifices per sq. inch to form plurality of fibres and passing said fibres through an air gap into a body of quench liquid.

122538. Roser Neudorf GMBH. A flexible, multi-layer, imitation leather material and process for manufacturing the same. Accepted on 20th January 1971.
Comprises a support layer, a covering plastic layer and a layer of imitation velour interposed between and bonded to said layers.

122580. Maschinenfabrik Rieter A. G. A method of cleaning a rotating screen drum in spinning equipment and apparatus thereof. (29th November 1968). Accepted on 27th January 1971.
The inside surface of the screen drum is brought in contact with the surface of a rotating body which takes off the fibres clinging to the inside surface and the fibres thus removed are drawn off by an air stream.

122582. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the polymerization of olefins. Accepted on 28th January 1971.
Carrying out polymerization in presence of a mixed catalyst consisting of (A) reaction product magnesium alcholate with a tetravalent halozenated titanium compound and (B) an organo aluminium compound.

122623. Metallgesellschaft. A. G. A process for drawing off filaments by an aspirator jet and an aspirator jet therefor. Accepted on 27th January 1971.
Comprises establishing in a draw of conduit by means of a nozzle a supersonic flow of primary aspirating gas introducing filaments along with secondary gas through a guide conduit the outer walls of said guide conduit forming the throat with inner wall of said nozzle.

122633. Farbwerk Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the polymerization of olefins. Accepted on 27th January 1971.
Characterises in carrying out the polymerisation in the presence of a mixed catalyst of which titanium containing carrier component is prepared in a specific manner.

122671. O. A. Suarez. Oleohydraulic elevator. Accepted on 20th January 1971.
With two base guides consisting of flat tracks, climbing ramps this placeable guide suspended from connecting rod system with one of its heads rotating on the track while the other provided with a pin fixed on displaceable guide and runs on are slot, and bring fixable by a pin.

122681. Showa Denko K. K. Heavy duty bags and a method for manufacturing the same. Accepted on 27th January 1971.
Prepared by spirally winding stretched synthetic resin tapes in opposite directions to intersect each other to form superposed cylindrical bodies, bonding superposed portions of said tapes to form a cylindrical network and sealing one end thereof to provide a bottom.

122686. Farbwerte Hoechst Aktiengesellschaft normals Meister Lucius & Bruning. Process for the polymerization of olefins. Accepted on 28th January 1971.
Comprising carrying out the polymerisation in presence of titanium containing catalyst prepared by reacting halogenated titanium containing compound with water in presence of an inert solid substance.

122691. Bata Shoe Company Private Limited. Improved method for the manufacture of articles of footwear. [Addition to No. 109243]. Accepted on 22nd January 1971.
The edge strip and the microcellular outsole are injection moulded an edge strip (homogeneous or microcellular) is injected due to the operation of the first piston in the circular series, the microcellular outsole is formed during the second injection operation, the microcellular outsole is removed from the mould after a period which may vary from 20 to 200 seconds.

122860. N. V. Philips Gloeilampenfabrieken. A semiconductor integrated circuit. Accepted on 20th January 1971.
Having the connection conductors extending parallel to each other, semiconductor regions of input transistors extending to below associated connection conductor to which they are connected, and at least two of the input transistors having different dimensions in a direction perpendicular to connection conductors.

122905. K. Singh. Folding table. Accepted on 28th January 1971.
At the underside of the table are fitted at each corner a first locking member and a hingedly mounted leg and on the leg is fitted a second locking member, locking means for locking the leg to the first locking member and two holding member.

122909. Elastogran GmbH. Method of finish machining the shaft neck portion and ball of ball pin blanks on a lathe. Accepted on 20th January 1971.
Comprising clamping of the blank two turning tools on their slides are then located in thin starting position, finish turning of the neck by the first tool by the first control device, return of the first tool and finish turning of the ball being controlled by a second control device.

122929. Minnesota Mining and Manufacturing Company. Clear, virtually colorless polyethylene terephthalate. Accepted on 29th January 1971.
Comprises polymerizing terephthalic acid or dimethyl terephthalate with excess glycol in presence of 0.05—1 weight % of polyfunctional compounds having at least three groups of carboxyl hydroxyl or lower alkyl esters and 0.005 — 0.05 weight % of a zinc salt.

122961. Knapsack Aktiengesellschaft. Process for the manufacture of vinyl acetate. Accepted on 22nd January 1971.
Comprising reacting ethylenes, acetic acid and molecular oxygen in the gas phase in contact with a carrier catalyst of metallic palladium, being characterised in that the carrier particles having a diameter between 0.1 and 1.5 m.m.

122964. Nauchno-Issledovatelsky Institut Po Problemaam Kurskoi Magnitnoi Anomaliy Im. L. D. Shevyakova. A method of concentration of pulverized weakly magnetic materials and a magnetic filter and separator for its embodiment. Accepted on 22nd January 1971.
Concentrating pulverized weakly magnetic materials by filtering their particles through soft iron bodies.

122988. A. Bratland. Improvements in or relating to food-stuff intermediates suitable for the production of cheeses. Accepted on 25th January 1971.
Emulsion comprising up to 85 weight percent fat, of which fat at least 25 weight percent is non-milk fat emulsified in a low fat milk fraction having a fat free milk solids of from 6 to 12 weight percent.

123021. Institut Gornogo Dela imeni A. A. Skochinskogo. Hydraulic coupling. Accepted on 28th January 1971.
Impeller sheel and turbine wheel mounted on respective shafts with an annular gap and defining together a working space of a toroidal shape and then being provided in the central portion of hydraulic coupling and additional space.

123101. Universal Oil Products Company. A control system for maintaining the level of conversion of a fluid mixture. Accepted on 25th January 1971.
Comprising a feed stream temperature controller, a differential temperature controller adapted to sense the temperature difference between the inlet and outlet of the conversion zone and to reset the set point of the said temperature controller responsive thereto a flow controller generating a first signal representative of the flow rate of a gaseous stream, a level controller generating a second signal representative of the level of the unconverted products and a summing device adapted to sum the two signals and to reset the set point of the differential temperature controller.

123119. Libbey-Owens-Ford Company. Drilling machines. Accepted on 15th January 1971.
Comprising means for horizontally supporting the sheet, means for locating the sheet in operative position on the supporting means, clamping means to clamp the sheet, rotatable drills mounted in spaced relation on the supporting means, the sheet locating means including locator devices, electrical means being associated with the located devices and operable on engagement of the sheet with the locator devices to move the clamping means to clamp the sheet against the supporting became and to initiate movement of the drills simultaneously toward the sheet.

123264. Mitsubishi Jukogyo Kabushiki Kaisha. Reactors for producing high viscous polymers. Accepted on 28th January 1971.

Reactor for producing high viscous polymer which consists of a cylindrical vessel, a heating or cooling jacket surrounding the outer wall of the vessel, an inner ribbon screw agitator provided in the inward cylindrical space of the draught tube keeping a little clearance between the inner wall and outer plural agitators, at least one of which being a ribbon screw contrary collod to that in the inward space.

123449. Institut Po Metaloznania I Technologia Na Metallite. Method for the production of castings from alloys of metals and gases and apparatus for its realization. Accepted on 22nd January 1971.

Reservoir for melt and mould are disposed in separate hermetically closed chambers, the pressure in the chamber with the reservoir for the melt being exerted by a gas mixture composed by an inert gas and the active gas, while the pressure in the chamber containing the number is exerted by the active gas only.

123546. Societe Anonyme Heurtey. Improvements in or relating to methods of utilizing a combustible binder in the treatment of conglomerate ores, ceramic products and the like. Accepted on 22nd January 1971.

Combustible binder is completely or partially burned and gaseous combustion products obtained during smoke removing steps are recovered for performing a heat treatment of the conglomerates.

123625. Central Machine Tool Institute. Machine tool clamping system. Accepted on 28th January 1971.

Small pistons or pads through which high fluid pressure is applied by a pressure generating device.

123687. The Bendix Corporation. A torque coupling device for transmitting rotary motion. Accepted on 28th January 1971.

A body having first and second end, two serrated bores, one for receiving two shafts respectively, and two annular grooves extending radially outward from first and second serrated bores respectively.

123809. Avica Equipment Limited. Circular clamps. (29th April 1969). Accepted on 29th January 1971.

At least two lugs which can be pulled together by a nut and a bolt, each lug is fast with a reinforced free end of the clamp and the bolt being pivotally attached to one of the lugs.

123857. Allied Chemical Corporation. Reduction of sulfur dioxide. Accepted on 25th January 1971.

Comprises contacting sulphur dioxide with a calcium aluminate catalyst at a temperature from 1500°F to 2600°F in the presence of a reducing agent selected from the group consisting of at least one of hydrogen and carbon monoxide and a gaseous hydrocarbon.

123878. Kirloskar Oil Engines Limited and Kirloskar Brothers Limited. A pumping unit. Accepted on 28th January 1971.

An engine and a centrifugal pump being combined together wherein the front face of the fly wheel of the engine being provided with a predetermined number of fixed or rotatable impeller vanes in predetermined positions.

123973. The Bendix Corporation. A control apparatus for coordinating the relative power output of at least two combustion engines. Accepted on 28th January 1971.

A first control means responsive to the difference between output signals and second control means responsive to the difference between the sum of the output signals and a reference signal

representing a maximum permissible total power output of both engines.

124411. The Wheelabrator Corporation. Apparatus for treating cylindrical work pieces. Accepted on 20th January 1971.

Improvement comprises a roll cluster including an elongated feed roll means and elongated guide rolls, said guide rolls spaced a distance from said feed roll less diameter of the workpiece; means for moving the workpieces in a spaced apart relationship along said feed roll means.

124412. The Wheelabrator Corporation. Surface treating apparatus. Accepted on 21st January 1971.

Means for transporting the workpiece into and within the treating chamber, at least one wall of said chamber having an opening, a turret mounted in said opening, at least one throwing wheel mounted in said turret for propelling surface treatment material.

124545. Snam Progetti S.p.A. Improvements in or relating to the production of urea. Accepted on 29th January 1971.

Comprises reacting carbon dioxide and ammonia in the presence of water in first reactor, converting in a second reactor at least part of the ammonium carbamate in the aqueous solution to urea, decomposing any unconverted ammonium carbamate into carbon dioxide and ammonia, stripping the last mentioned carbon dioxide and ammonia, from urea, and recycling to the first reactor the inert gas and the stripped carbon dioxide and ammonia.

124597. Honeywell Inc., Improvement in or relating to angular velocity sensors. Accepted on 28th January 1971.

An angular accelerometer sensitive to angular acceleration about an axis, an accelerometer support permitting the accelerometer to move and means for moving the accelerometer.

124630. Daikin Kogyo Co., Ltd. A seedling planting machine. Accepted on 28th January 1971.

Seedling mounting bed, a seedling planting claw operating at a predetermined period in a fixed position and means for shifting said seedling mounting bed in timed relation to said seedling planting claw.

124692. H. D. Hudson Manufacturing Company. Improvements in or relating to container assembly. Accepted on 25th January 1971.

Including a pressure release valve communicating with the interior of the tank, and a member for opening the release valve as the cover is uncoupled from the tank and while the container assembly is pressure tight causing the pressure in the tank to be released before the cover is completely uncoupled from the tank and the seal therebetween is broken.

125016. Pyc Limited. Improvements in or relating to closed circuit medical respirators. (30th January 1969). Accepted on 22nd January 1971.

Comprising a sensor having adjustable bias means a gas container driving means.

125356. Council of Scientific and Industrial Research. A tubular type plant to separate water and other solvents from solution. Accepted on 27th January 1971.

A tubular plant comprising a header to distribute the feed solution in a desirable pattern, a porous membrane support tube to support a semipermeable membrane against hydraulic pressure and to allow the separated solvent to ooze out, and an end connection to secure the porous tubes leak proof against pressure.

125363. Kurashiki Rayon Co., Ltd. Methods of and apparatus for taking spun cakes out of the centrifugal

spinning machine. Accepted on 25th January 1971.	118912. 119058. 119076. 119129. 119147. 119169. 119192. 119215. 119278. 119296. 119310. 119431. 119461. 119468. 119570. 119634. 119648. 119707. 119841. 120015. 120077. 120297. 120572. 120604. 120628. 120671. 120689. 120746. 120765. 120771. 120972. 121015. 121102. 121103. 121165. 121413. 121423. 121477. 121604. 121691. 121727. 121790. 122035. 122314. 122506. 122552. 122594. 122651. 122688. 122713. 122714. 122715. 122800. 122853. 123151. 123227. 123325. 124666. 124667. 124668. 124794. 125130. 125131. 125132.
Characterised in that use is made of a cake holding means connected to one end of a wire for holding the cake in a swaying manner on lifting or suspending and in a vertically stable manner on carrying the cake.	
125457. National Distillers and Chemical Corporation. A process for the preparation of carboxylic acids. Accepted on 22nd January 1971.	
An improved process characterised in reacting the alkanol with an oxygen-containing gas in the presence of catalyst at a temperature of about 130°C or less and in the absence of an alkaline material.	
125532. Wickman Wimet Limited. Toolholders with detachable cutting inserts. (4th March 1969). Accepted on 22nd January 1971.	
A recessed seating in the shank for the cutting insert, a chip breaker engageable with a face of the insert, a top clamp engageable with said breaker, which being pivotally mounted relatively to the shank about an axis spaced from the insert.	
125743. Swiss Aluminium Ltd. Purification of fluorine-containing gases. Accepted on 25th January 1971.	
Washing the gas with aqueous circulating liquid, precipitating fluorine content and other impurities from the liquid by addition of alkaline earth compound to raise pH to from 5 to 8, separating solids from resulting slurry and returning separated liquid to absorb further acidic impurities.	
125876. Varta Gesellschaft mit beschränkter Haftung. Rechargeable mercury/mercury oxide electrode with metallic matrix. Accepted on 28th January 1971.	
Electrode containing an addition of an electrically conductive material which contains mercury oxide in the charged condition and in the uncharged condition it contains mercury in a matrix containing a metal resistant to alkali lyes and capable of dissolving hydrogen.	
126075. Joseph Lucas (Industries) Limited. Windscreen wiper assemblies. (24th April 1969). Accepted on 25th January 1971.	
Includes a part engaged with the spindle for movement therewith and means for arresting the said part during angular movement of the spindle in either direction from a central position.	
126127. Joseph Lucas (Industries) Limited. Lenses. (12th May 1969). Accepted on 22nd January 1971.	
A lens of moulded body having the side presented to the light source, formed with a plurality of projections of at least two different shapes arranged to deviate the light.	
128804. Grove Manufacturing Company. Pressure switch for use in indicator system for telescope boom cranes. [Divisional date 15th July 1969]. Accepted on 15th January 1971.	
A fluid cylinder havng a closed end portion, a fluid input portion said end portioning, a base member, spring means connecting said cylinder, piston means connected for movement in said cylinder, a lever arm having an intermediate portion, guide means and slide means along said guide means.	
Correction of Clerical Errors	
Under Section 62 of the Indian Patents and Designs Act, 1911, the name of the article in respect of design No. 120549 was corrected from 'a Brake shoe for bicycle brakes' to 'a Brake rubber block for bicycle brakes'.	
Patents Sealed	
102574. 112931. 113340. 113432. 116104. 116116. 116197. 116743. 117617. 117694. 117967. 118126. 118476. 118757.	

Renewal Fees Paid

Restoration Proceedings	
Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—	
No. 96792—Chandra Mohan Ram Mohan.	
Title :—“improved flushing cistern”.	
The patent ceased on the 1st December, 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 7th November 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 27th March 1971.	

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 99664—Robert Bosch GmbH.

Title :—“improvements in methods of manufacturing sparking plugs”.

The patent ceased on the 22nd May 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 21st March 1970. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent office, 214, Lower Circular Road, Calcutta-17, on or before the 27th March 1971.

(3)

An order has been made on the 30th November 1970, restoring the patent No. 100282 dated as of the 26th June 1965 granted to Ubaldo Ranzi for “a centrifugal joint to start machines having high inertia”.

(4)

An order has been made on the 30th November 1970 restoring the patent No. 100503 dated as of the 9th July 1965, granted to Ubaldo Ranzi for “an electric motor having a starting joint incorporated therein”.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 138220, Babuji Shilpi, An Indian Citizen, ‘Anita’, Flat No. 62, Mount Pleasant Road, Bombay-6, Maharashtra, India, “A swing”, November 30, 1970.

Class 1. No. 137995, Daulat Ram Tondon and Jaswant Rai Tondon both Indian subject, 6, The Mall, Agra-1, (U.P.), India, “Valve for tube well”, September 25, 1970.

Class 3. No. 137742, Kantilal Chhotulal & Co., 22 Babu Genu Road, Princess Street, Bombay-2 Maharashtra, an Indian Partnership Concern, “Stoppers for hotwater bottles”, July 27, 1970.

Class 3. No. 137754, Ortho Pharmaceutical Corporation, a Corporation of the State of New Jersey, located at Raritan, New Jersey, United States of America, “Vaginal applicator”, July 29, 1970.

Class 3. No. 137833, Indian Engineers 1/37 Roop Nagar, Delhi-7, an Indian partnership firm registered under the Indian Partnership Act 1932, “Apparatus for resuscitation”, August 25, 1970.

Class 3. Nos. 137991 and 137992, Minni Trading Corporation, 6, Fatch Nivas, Gorawadi, Malad, Bombay-64, Maharashtra State, an Indian Partnership firm, “Decanter”, September 22, 1970.

Class 3. No. 138018, The Dunlop Company Limited, A British Company Fort Dunlop, Erdington Birmingham 24, England, “A tyre for a vehicle wheel”, April 16, 1970. (U.K.).

S. VEDARAMAN

*Controller General of Patents, Designs
& Trade Marks.*